Mr. V. K. Aravindaksha Menon *(Chief Engineer).*—

(1) and (2) Due to the delay in getting certain additional piles ordered for, the work could not be completed on 1st Makaram 1113.

(3) The work will be completed by the end of Edavam 1113.

Second crop—Failure in Nemmara—remission due to.

312. Mr. R. Viswanathan Chettiar *(Nemmara).*—Will the Government be pleased to state:—

(a) have not the Government conducted an investigation on the petition submitted by the Nemmara public regarding their grievances due to failure of single crops in Nemmara firkah;

(b) if so, what is the extent of the fields affected by this failure of crops according to Government calculation;

(c) if the crops have really failed due to lack of rains is it not the duty of the Government to allow a reasonable remission in land revenue;

(d) in this case what percentage of revenue do the Government intend to allow as remission;

(e) is it not the duty of the Government to give effect to its intention in this year's revenue itself?

Mr. K. Achyuta Menon *(Diwan Peishkar).*—

(a) Yes.

(b) Complete destruction 407·38 acres approximately.

Partial do 372·91 acres do.

(c) (d) & (e) The question of granting remission is under consideration

Irrigation schemes—working of.

313. Mr. K. Kunhirama Menon *(Cheruthuruthi).*—Will the Government be pleased to inform:—

(a) the total number of schemes for irrigation opened in the State for the last 10 years;

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(b) the total expenditure incurred by the Government on that account;

(c) if all such schemes were completely successful, and which are they?

Mr. V. K. Aravindaksha Menon *(Chief Engineer)*.—(a), (b) and (c) Vide list attached (*Appendix I*).

Mr. T. A. Ramachandra Ayyar *(Nellayi)*.—In the list appended 33 items are given and the Tanikudam scheme is not seen included. Are we therefore to take it that that scheme was taken up more than ten years ago?

Mr. V. K. Aravindaksha Menon *(Chief Engineer)*.—The list contains the irrigation works taken up and not those investigated.

Mr. T. A. Ramachandra Ayyar *(Nellayi)*.—May I know whether the first stage of the Karuvannur Bridge scheme has only been taken up?

Mr. V. K. Aravindaksha Menon *(Chief Engineer)*.—Almost two stages have been completed.

Mr. T. A. Ramachandra Ayyar *(Nellayi)*.—Have they any idea of taking up the fourth stage also in the near future?

Mr. V. K. Aravindaksha Menon *(Chief Engineer)*.—There is no idea at present.

Mr. C. R. Iyyunni *(Trichur South)*.—Item No. 2. May I know what is meant by partly successful?

Mr. V. K. Aravindaksha Menon *(Chief Engineer)*.—The engines and pumps installed there have not the sufficient capacity. We have this year ordered for pumps and engines of a larger magnitude. When these are installed it will be completely successful.

Mr. C. R. Iyyunni *(Trichur South)*.—So in the estimate first prepared there was only provision for a small engine?

Mr. V. K. Aravindaksha Menon *(Chief Engineer)*.—In the first estimate we did not go for a new engine. We had a second hand engine and we tried with it as an experimental measure. This is the first scheme of this kind ever experimented in Cochin. We did not want to invest on new machinery. So we erected what we had.

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Mr. T. S. Balarama Ayyar *(Trichur South).*—Is there any income derived from the lift irrigation?

Mr. V. K. Aravindaksha Menon *(Chief Engineer).*—We have not charged them because it is not fully successful.

Mr. T. S. Balarama Ayyar *(Trichur South).*—Will it be fully successful?

Mr. V. K. Aravindaksha Menon *(Chief Engineer).*—Yes.

Mr. T. S. Balarama Ayyar *(Trichur South).*—May I know for how many months the plant is to work?

Mr. V. K. Aravindaksha Menon *(Chief Engineer).*—The plant is to work only for about 4 months in the year.

Mr. T. S. Balarama Ayyar *(Trichur South).*—Have you got any idea of the expenditure incurred?

Mr. V. K. Aravindaksha Menon *(Chief Engineer).*—It is about 1600 rupees to 2000 rupees.

Mr. C. R. Iyyunni *(Trichur South).*—What is the extent of the land irrigated last year?

Mr. V. K. Aravindaksha Menon *(Chief Engineer).*—We irrigated about 200 acres.

Child mortality—statistics regarding.

314. Mr. K. M. Ibrahim *(Cranganur).*—Will the Government be pleased to supply statistics relating to child mortality in our country?

Captain A. R. Poduval *(Director of Public Health and Panchayats).*—It is not possible to furnish a definite answer to the question since the period for which the statistics are required has not been specified.

Mr. K. M. Ibrahim *(Cranganur).*—Will the Hon'ble Member kindly inform the House whether there is not a standard method of supplying statistics of this nature?

Captain A. R. Poduval *(Director of Public Health and Panchayats).*—There is a method. It must be special. We cannot give you statistics for so many years.

Mr. K. M. Ibrahim *(Cranganur).*—Is there not a method of saying the annual average mortality, the monthly average

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APPENDIX I.

(Question No. 313).

List of Irrigation Schemes taken up.

Serial No.	Names of work	Expenditure incurred Rs.	As.	Ps.	Remarks
1	Karuvannur scheme 1st stage: (a) Opening a canal from Muriyad Lake to Murkanad canal	22,498	15	0	Successful
	(b) Widening and regrading the Chirakkal thodu	11,598	5	0	do
	(c) Widening and deepening the thodu at Panamkulam	12,585	5	0	do
2	Vellarapilli Lift Irrigation	14,998	10	11	Partly successful
3	Constructing a regulator at Mullingal chira	2,528	0	0	Successful
4	Do a permanent acquaduct at Aloor	2,350	0	0	do
5	Opening a canal from Vettikadavu eastwards	2,909	5	0	do
6	Opening branch channels to the Vettikadavu canal	533	10	0	do
7	Improvement to branch channels of Mulatturah main canal (Kalyanapetta branch)	2,135	13	0	do
8	Karuvannur Flood Relief works	59,420	14	0	do
9	Konath Bund work	13,497	7	10	do
10	Mullasseri drainage canal	6,898	10	0	do
11	Manapat chira Improvement	18.597	11	6	do
12	Improvements to Ellichira	1,124	0	0	Only just taken up

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APPENDIX I—(*contd.*)

Serial No.	Names of work	Expenditure incurred Rs.	As.	Ps.	Remarks
13	Dismantling and reconstructing the remaining portion of the old weir at Enamakkal	5,949	0	0	Successful
14	Improvements to the Kunnamkattupathy system	10,720	10	8	do
15	Do Mulattura system 3rd section	15,864	15	9	do
16	Opening north to south canal in Narakkal and Elangunnapuzha villages	32,403	2	3	do
17	Improvements to Moolatturah main canal	16,374	1	1	do
18	Constructing additional weir at Enamakkal	1,03,990	13	9	do
19	Improvements to Mulatturah system in 1105	2,996	4	0	do
20	Improvements to 4" section 7/o to 8/o	7,321	14	0	do
21	Improvements to 8/2 to 9/o	3,475	0	0	do
22	Providing irrigation facilities in Alur village	2,149	1	0	do
23	Improvements to Mulatturah system in 1106	9,944	0	0	do
24	Improvements to Thembaramadakku system	3,355	7	0	do
25	Constructing groynes at Ochanthuruthu	12,719	0	0	do
26	Constructing a surplus sluice to Pananchikadath chira	4,290	10	8	do

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APPENDIX I—(*contd.*)

Serial No.	Names of work	Expenditure incurred Rs.	As.	Ps.	Remarks
27	Improvements to Athur and Elavathingal chiras	18,217	2	0	Successful
28	Construction of Bandi thodu anicut	2,141	7	0	do
29	R. C. sluices at Chellanam	5,453	1	10	do
30	Constructing a regulator below Kalyanapetta branch, Mulatturah system	2,135	13	0	do
31	Putting up groyne at Andikadavu	3,288	0	0	do
32	Constructing a combined bridge and chira at Tholur	5,767	0	0	Work just completed
33	Inchamudi canal	50,000	0	0	Approximate
	Total	4,90,233	3	3	

APPENDIX II.

(*Question No. 325*).

Statement showing particulars of free grant of timber made during 1112 and 1113.

Serial No.	Names of persons or Institutions to whom timber was given free	Species	Quantity sanctioned in candies
	1112 M. E.		
1	Palali Manakkal Vasudevan Nambudiri	Teak	10
2	Varanakodath Kochukutty Amma	do	8
3	Director, St. Anne's Charitable Institute	do	20

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